

Practice 2-2**Solving Two-Step Equations**.....
Solve each equation. Check your answer.

1. $5a + 2 = 7$

2. $2x + 3 = 7$

3. $3b + 6 = 12$

4. $9 = 5 + 4t$

5. $4a + 1 = 13$

6. $-t + 2 = 12$

7. $5.8n + 3.7 = 29.8$

8. $67 = -3y + 16$

9. $-d + 7 = 3$

10. $9f + 16 = 70$

11. $11.6 + 3a = -16.9$

12. $-9 = -\frac{h}{12} + 5$

13. $3x - 7 = 35$

14. $36.9 = 3.7b - 14.9$

15. $4s - 13 = 51$

16. $\frac{m}{9} + 7 = 3$

17. $6.78 + 5.2x = -36.9$

18. $5z + 9 = -21$

1. You have a 90-pound calf you are raising for a 4-H project. You expect the calf to gain 65 pounds per month. In how many months will the calf weigh 1000 lbs.

2. The bill (parts and labor) for the repair of a car was \$458. The cost of parts was \$339. The cost of labor was \$34 per hour. Write an equation and solve to find the number of hours of labor.

3. You want to buy a bouquet of yellow roses and baby's breath for \$16. The baby's breath costs \$3.50 per bunch, and the roses cost \$2.50 each. You want one bunch of baby's breath and some roses for your bouquet. How many roses can you buy?

4. To mail a first class letter, the U.S Postal Service charges \$0.34 for the first ounce and \$0.21 for each additional ounce. It costs \$1.18 to mail your letter. How many ounces does your letter weigh?

5. Suppose you want to buy one pair of pants and several pairs of socks. The pants cost \$24.95, and the socks are \$5.95 per pair. How many pairs of socks can you buy if you have \$50 to spend?